

CLAIMS

1. (currently amended) A method for absorbing irritants in the skin and delivering sulfur to skin comprising

Applying a composition, wherein the composition comprises one or more high sorption bases, sulfur and one or more sulfur derivatives, wherein the sulfur derivative comprises one or more compounds of the group consisting of organic sulfides, inorganic sulfides, organic mercaptans, inorganic mercaptans, cationic sulfur compounds, H₂S, sulfuric acid, bisulfides, sulfur dioxide, thiols and sodium sulfacetamide, and wherein the high sorption base is substantially free of attapulgate;

Absorbing irritants from the skin with the composition; and

Delivering sulfur to the skin, wherein the skin comprises one or more selected from the group consisting of epidermis, dermis, and stratum corneum.

2. (previously presented) The method of claim 1 wherein the high sorption base comprises one or more selected from the group consisting of non-swelling clay, gum, swelling clay and silicon.
3. (Original) The method of claim 2 wherein the composition has a pH of about 6.5 to about 8.1.
4. (Original) The method of claim 2 wherein the composition has a pH of about 7.0 to about 8.1.
5. (Original) The method of claim 2 wherein the composition has a pH of about 7.7 to about 8.1.
6. (Original) The method of claim 2 wherein the composition has a pH of about 7.3 to about 7.7.
7. (Original) The method of claim 2 wherein the non-swelling clay, comprises a hydrated aluminum silicate.

8. (Original) The method of claim 2 wherein the non-swelling clay comprises kaolin.
9. (Original) The method of claim 2 wherein the non-swelling clay is present at about 18.00%.
10. (Original) The method of claim 1 wherein the sulfur derivative comprises one or more cationic sulfur compounds.
11. (canceled)
12. (previously presented) The method of claim 1, 2 or 3 wherein the sulfur derivatives comprise one or more selected from the group consisting of sodium sulfacetamide, sulfites, and mercaptans.
13. (Original) The method of claim 1, 2 or 3 wherein the sulfur derivative comprises sodium sulfacetamide.
14. (Original) The method of claim 1 wherein the sulfur derivative is present at about 10%.
15. (Original) The method of claim 1 wherein the sulfur is present at about 5%.
16. (Original) The method of claim 2 wherein the gum comprises xanthan gum.
17. (Original) The method of claim 2 wherein the gum comprises a natural gum.
18. (Original) The method of claim 2 wherein the gum comprises an artificial gum.
19. (Original) The method of claim 2 wherein the gum is present at about 0.30%.
20. (previously presented) The method of claim 2 wherein the swelling clay comprises one or more selected from the group consisting of montmorillonite, bentonite, clinoptilolite, vermiculite, magadite, smectite, laponite, beidellite, and magnesium aluminum silicate.
21. (Original) The method of claim 2 wherein the swelling clay comprises magnesium aluminum silicate.

22. (Original) The method of claim 2 wherein the swelling clay is present at about 1.50%.
23. (previously presented) The method of claim 2 wherein the silicon comprises one or more selected from the group consisting of silica, colloidal silica, colloidal hydrated silica, precipitated silica, silica gels, and silicon dioxide.
24. (Original) The method of claim 2 wherein the silicon comprises silicon dioxide.
25. (Original) The method of claim 2 wherein the silicon is present at about 5.00%.
26. (Original) The method of claim 2 wherein the composition further comprises water.
27. (Original) The method of claim 26 wherein the water is present at about 40-50%.
28. (Original) The method of claim 26 wherein the water is present at about 41.76%.
29. (Original) The method of claim 26 wherein the water is present at about 46.76%.
30. (previously presented) The method of claim 1, 2 or 3 wherein the irritants comprise one or more selected from the group consisting of sweat, sebum, moisture, epidermal metabolites, residue from cosmetics and residue from pharmaceuticals.
31. (currently amended) A high sorption composition comprising

Sulfur;

One or more sulfur derivative, wherein the sulfur derivative comprises one or more compounds of the group consisting of organic sulfides, inorganic sulfides, organic mercaptans, inorganic mercaptans, cationic sulfur compounds, H₂S, sulfuric acid, bisulfides, sulfur dioxide, thiols and sodium sulfacetamide and

One or more high sorption base, wherein the high sorption base is substantially free of attapulgate.

32. (previously presented) The composition of claim 31 wherein the high sorption base comprises one or more selected from the group consisting of non-swelling clay, gum, swelling clay and silicon.
33. (Original) The composition of claim 31 has a pH of about 6.5 to about 8.1.
34. (Original) The composition of claim 31 has a pH of about 7.0 to about 8.1.
35. (Original) The composition of claim 31 has a pH of about 7.7 to about 8.1.
36. (Original) The composition of claim 31 has a pH of about 7.3 to about 7.7.
37. (Original) The composition of claim 32 wherein the non-swelling clay comprises a hydrated aluminum silicate.
38. (Original) The composition of claim 32 wherein the non-swelling clay comprises kaolin.
39. (Original) The composition of claim 32 wherein the non-swelling clay is present at about 18.00%.
40. (Original) The composition of claim 31 wherein the sulfur derivative comprises one or more cationic sulfur compounds.
41. (canceled)
42. (previously presented) The composition of claim 31, 32, or 33 wherein the sulfur derivative comprises one or more selected from the group consisting of sodium sulfacetamide, sulfites and mercaptans.
43. (Original) The composition of claim 31, 32 or 33 wherein the sulfur derivative comprises sodium sulfacetamide.
44. (Original) The composition of claim 31 wherein the sulfur derivative is present at about 10%.

45. (Original) The composition of claim 31 wherein the sulfur is present at about 5%.
46. (Original) The composition of claim 32 wherein the gum comprises xanthan gum.
47. (Original) The composition of claim 32 wherein the gum comprises a natural gum.
48. (Original) The composition of claim 32 wherein the gum comprises an artificial gum.
49. (Original) The composition of claim 32 wherein the gum is present at about 0.30%.
50. (previously presented) The composition of claim 32 wherein the swelling clay comprises one or more selected from the group consisting of montmorillonite, bentonite, clinoptilolite, vermiculite, magadite, smectite, laponite, beidellite, and magnesium aluminum silicate.
51. (Original) The composition of claim 32 wherein the swelling clay comprises magnesium aluminum silicate.
52. (Original) The composition of claim 32 wherein the swelling clay is present at about 1.50%.
53. (previously presented) The composition of claim 32 wherein the silicon comprises one or more selected from the group consisting of silica, colloidal silica, colloidal hydrated silica, precipitated silica, silica gels, and silicon dioxide.
54. (Original) The composition of claim 32 wherein the silicon comprises silicon dioxide.
55. (Original) The composition of claim 32 wherein the silicon is present at about 5.00%.
56. (Original) The composition of claim 32 wherein the composition further comprises water.
57. (Original) The composition of claim 56 wherein the water is present at about 40-50%.
58. (Original) The composition of claim 56 wherein the water is present at about 41.76%.
59. (Original) The composition of claim 56 wherein the water is present at about 46.76%.

60. (previously presented) The composition of claim 31, 32 or 33, wherein the irritants comprise one or more selected from the group consisting of sweat, sebum, moisture, epidermal metabolites, residue from cosmetics and residue from pharmaceuticals.

61. (Original) A composition comprising

Water;

Xanthan gum;

Magnesium aluminum silicate;

Kaolin;

Silicon dioxide;

Sodium sulfacetamide;

Sodium thiosulfate;

Glyceryl stearate;

PEG-100 Stearate;

Quillaia saponaria extract;

Benzyl alcohol; and

Sulfur.

62. (Original) A composition comprising

Water;

Xanthan gum;

Kaolin;

Silicon dioxide;

Sulfacetamide sodium;

Sodium thiosulfate;

Glyceryl stearate & PEG-100 stearate;

Quillaia saponaria extract;

Benzyl alcohol; and

Precipitated sulfur.

63. – 80. (Canceled)

81. (currently amended) A method for delivering sulfur to skin and absorbing irritants in the skin comprising:

Applying a composition, wherein the composition comprises one or more high sorption bases, sulfur, and one or more sulfur derivatives, wherein the sulfur derivative comprises one or more compounds of the group consisting of organic sulfides, inorganic sulfides, organic mercaptans, inorganic mercaptans, cationic sulfur compounds, H₂S, sulfuric acid, bisulfides, sulfur dioxide, thiols and sodium sulfacetamide, wherein the composition has a pH of about 6.5 to about 8.1, wherein the high sorption base comprises non-swelling clay, gum, swelling clay and silicon, and is substantially free of attapulgite;

Absorbing irritants from the skin with the composition wherein the irritants comprise one or more selected from the group consisting of sweat, sebum,

moisture, epidermal metabolites, residue from cosmetics and residue from pharmaceuticals; and

Delivering sulfur to the skin, wherein the skin comprises one or more of selected from the group consisting of epidermis, dermis and stratum corneum.